As a below named inventor, I hereby declare:

That my residence, post office address and citizenship are as stated below next to my name.

original, first a for which a pa	and joint inventor	(if plural invente the invention ent	AND PRODUCT1	f the subject matter wh ETHOD FOR SILICO	ich is claimed and DN SINGLE CRYSTAL NGLE CRYSTAL INGOT,	
	is attached here	eto.	CRYSTAL WAFE	ZR		
November				PCT/JP99/ tion, Scrial No.06477 and was amended on		
	have reviewed and any amendment		contents of the above-ide	entified specification, in	cluding the claims,	
			nformation known to be egulations §1.56(a).	material to patentability	of this application	
application(s)	for patent or inver invertification	itor's certificate l	enefits under Title 35, listed below and have al tion having a filing da	so identified below any	foreign application	
Prior Foreign	Application(s)				Claimed	
330713/1	998	Japan	20/11/1998	₩ Yes	□ No	
(Number)		ountry)	(Day/Month/Yea			
77166/19		Japan	23/3/1999	Yes	□ No	
(Number)	(Ci	ountry)	(Day/Month/Yea	ar Filed)		
129957/1	000	Lunum	11/5/1000	⊠		
(Number)		Japan ountry)	11/5/1999 (Day/Month/Yea	Yes Yes	No	
listed below a United States acknowledge to	nd, insofar as the application in the the duty to disclose the fili	subject matter of manner provide material inform	cle 35, United States Coof each of the claims of the dby the first paragraphation as defined in Title ior application and the	his application is not di n of Title 35, United St 37, Code of Federal Re	sclosed in the prior tates Code, §112, I gulations, §1.56(a)	
United States	Application(s)					
(Application 3	Serial No.)	(Filing Da	te)	(Status)-(Patented, per	nding, abandoned)	
(Application	Serial No.)	(Filing Da	to)	(Status) (Patented pe	uding shandanad)	

That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint the following attorneys, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls in respect to this application be directed to: WELSH & KATZ. LTD., 120 South Riverside Plaza, 22nd Floor, Chicago, Illinois 60606-3913, Telephone No.: (312) 655-1500:

Attorney	Registration No.
Donald L. Welsh A. Sidney Katz Richard L. Wood Jerold B. Schnayer Eric C. Cohen Joseph R. Marcus Gerald S. Schur Gerald T. Shekleton James A. Scheer Daniel R. Cherry Edward P. Gamson Kathleen A. Rheintgen Thomas W. Tolpin	16,665 24,003 22,839 28,903 27,429 25,060 22,053 27,466 29,434 29,054 29,381 34,044
Thomas w. Torpin	27,000

I hereby authorize the U.S. attorney or agent named herein to accept and follow instructions from T. KIMURA PATENT OFFICE (Insert Foreign Associate) as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent

Full name of sole or one	Kozo NAKAMURA
joint inventor:	V Mila
Inventor's signature:	Hogo Nakamura
Date:	April 25, 2001
	Residence:
Residence and Post Office Address:	Hiratsuka-shi, Kanagawa, Japan
residence and Test Cline Tradition.	Post Office Address:
	c/o Komatsu Denshi Kinzoku Kabushiki Kaisha, 25-
	Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 Japan
Citizenship:	Japanese

	Full name of additional joint	Toshiaki SAISHOJI	
	inventor, if any:		
7	Inventor's signature:	Comaki rishogi	
	Date:	April 25, 2001	
		Residence:	
	Residence and Post Office Address:	Hiratsuka-shi, <u>Kanagawa</u> , Japan	
		Post Office Address: c/o Komatsu Denshi Kinzoku Kabushiki Kaisha, 25-1 Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 Japan	
	Citizenship:	Japanese	
- (Full name of additional joint inventor, if any:	Hirotaka NAKAJIMA	
5	Inventor's signature:	/ dirotaka Nakajima	
-	Date:	April 25, 2001 Residence:	
	Residence and Post Office Address:	Hiratsuka-shi, Kanagawa, Japan Post Office Address: c/o Komatsu Denshi Kinzoku Kabushiki Kaisha, 25-1 Shinomiya 3-chome, Hiratsuka-shi, Kanagawa	
		254-0014 Japan	
	Citizenship:	Japanese	
	Address for Correspondence:	WELSH & KATZ, LTD. 120 South Riverside Plaza 22nd Floor Chicago, Illinois 60606-3913	

	Full name of additional joint	Shinya SADOHARA	
	inventor, if any:		
	Inventor's signature:	Shinya Sadohara	
	Date:	April 25, 2001	
	Residence and Post Office Address:	Residence: Hiratsuka-shi, Kanagawa, Japan Post Office Address: c/o Komatsu Denshi Kinzoku Kabushiki Kaisha, 25-1	
	•	Shinomiya 3-chome, Hiratsuka-shi, Kanagawa, 254-0014 Japan	
	Citizenship:	Japanese	
	Full name of additional joint inventor, if any:	Masashi NISHIMURA	
	Inventor's signature:	Masashi Nishimura	
	Date:	April 25, 2001 Residence:	
	Residence and Post Office Address:	Hiratsuka-shi, Kanagawa, Japan Post Office Address: c/o Komatsu Denshi Kinzoku Kabushiki Kaisha, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa,	
**	Citizenship:	Japanese	
	Inventor's signature: Date: Residence and Post Office Address:	April 25, 2001 Residence: Hiratsuka-shi, Kanagawa, Japan Post Office Address: c/o Komatsu Denshi Kinzoku Kabushil Shinomiya 3-chome, Hiratsuka-shi, H 254-0014 Japan	

WELSH & KATZ, LTD. 120 South Riverside Plaza

Chicago, Illinois 60606-3913

22nd Floor

Address for Correspondence:

	Full name of additional joint	Toshirou KOTOOKA	
	inventor, if any:		
	Inventor's signature:	Toshiron Rotooka	
<i>(</i>)	Date:	April 25, 2001	
		Residence: Higashisonogi-gun, Nagasaki, Japan	
	Residence and Post Office Address:	Post Office Address: c/o Komatsu Denshi Kinzoku Kabushiki Kaisha, 25-1	
		Shinomiya 3-chome, Hirabsuka-shi, Kanagawa, 254-0014 Japan	
	Citizenship:	Japanese	
	Full name of additional joint inventor, if any:	Yoshiyuki SHIMANUKI	
	Inventor's signature:	Goshiyahı Shamanaki	
	Date:	April 25, 2001 Residence:	
	Residence and Post Office Address:	Fujisawa-shi, <u>Kanagawa</u> , Japan J	
		c/o Komatsu Denshi Kinzoku Kabushiki Kaisha, 25-1 Shinomiya 3-chome, Hiratsuka-shi, Kanagawa, 254-0014 Japan	
	Citizenship:	Japanese	
	Address for Correspondence:	WELSH & KATZ, LTD. 120 South Riverside Plaza	

22nd Floor

Chicago, Illinois 60606-3913